

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the above-identified application.

Listing of Claims:

Claims 1 – 10 (Cancelled).

11. (Currently Amended) An impact sensor configured for a self-test, the impact sensor comprising:

a sensor element for providing a first signal;

a filter for receiving the first signal of the sensor element; and

an arrangement for carrying out a filter correction dependent on a response signal of the filter to a test signal, wherein the filter correction is realized as a parametrization of a triggering algorithm for restraint means, and wherein the first signal is used to control the restraint means.

12. (Withdrawn) The impact sensor according to claim 11, wherein the filter correction is realized as a software filter.

13. (Canceled).

14. (Withdrawn) A method for testing an impact sensor, comprising:

supplying a filter of the impact sensor that is used for a filtering of a first signal of a sensor element with a test signal; and

using a response signal of the filter thereto for a filter correction.

15. (Withdrawn) The method according to claim 14, wherein the filter correction is achieved using a software filter, the software filter being connected subsequent to the filter.

16. (Withdrawn) The method according to claim 14, wherein the filter correction is achieved through a parametrization of a triggering algorithm for restraint means.

17. (Withdrawn) The method according to claim 15, wherein the software filter is used by one of the impact sensor and a control device.

18. (Withdrawn) The method according to claim 14, wherein the filter correction is carried out after a reset of the impact sensor.

19. (Withdrawn) The method according to claim 14, further comprising producing a second signal dependent on an evaluation of successive filter corrections.

20. (Withdrawn) The method according to claim 14, wherein a step function is used as the test signal.